

### List of Information Needs for Corps 408 Permit

Information Requested	EIR/EIS	408 App	404 App	Comments
<i>General Information</i>				
Description of proposed modification		x		
Purpose of modification		x		
Need for proposed project		x		
<i>Geotechnical Evaluation</i>				
Type, composition and quantity of material to be dredged				
Method of dredging, equipment used, transport, and disposal				
Structure constructed/work done in navigable waters				
Stability				
Under seepage				
Erosion Control				
Vegetation				
<i>Structural</i>				
Pier penetrations of levee embankments				
Diaphragm walls				
Other structural components integral to project				
Gates or other operable features				
<i>Hydraulic and Hydrology</i>				
Systems based risk and uncertainty hydraulic analysis				
Independent Peer Review				
Changes in inflow				
Changes in water surface profiles and flow distribution				
Changes in rates of sedimentation and erosion				
Changes to channel capacity for flood flows				
Changes to channel capacity for navigation				
Changes in flood risk				
Footprint and construction impacts to waters of US				
Assessment of local and system wide resultant impacts				
Changes in patterns of distribution of water hyacinth/ <i>egeria densa</i>				
Flow related impacts to any riparian wetlands and vegetated shallow waters			404(b)(1)	
Upstream and downstream impacts of proposed alterations including sediment transport analysis				
Impacts to existing floodplain management			404(b)(1)	
Impacts to other water diversions and outfalls			404(b)(1)	
Impacts to deep water ship channels ability to operate, be dredged, and expand				
<i>Operations and Maintenance Requirements</i>				
Pre flood preparation				
Post flood clean up				

Sediment Removal				
Water Control Management Plan				
Impacts to other federal projects within the basin				
<i>Real Estate Analysis</i>				
Description of all Lands, Easements, Rights of Way for modification, including proposed estates				
Description of all Lands, Easements, Rights of Way owned as part of authorized project				
Maps clearly depicting both required real estate and existing real estate limits				
Navigational servitude, facility relocations, relocation housing assistance and any other relevant factors				
<i>Residual Risk</i>				
Changes to existing level of risk to life, property				
Will project incur damages more frequently as a result of flooding that will require PL 84-99 assistance				
<i>Compliance with other Regulations</i>				
Administrative record for key decisions for related actions for proposed modification such as environmental reports, judges decisions, permits, etc.				
Executive Order 11988 Considerations: <ul style="list-style-type: none"> <li>- Justification to construct in the floodplain</li> <li>- No practicable alternative determination, if federal agency, agency determination</li> <li>- Public Notice Notifications</li> </ul>				
Effects related to system wide changes to the Sacramento River Flood Control Project				
NEPA Compliance				
ESA Compliance - BiOp				
Fish and Wildlife Coordination Act – Final FWCA Report				
Marine Protection, Research and Sanctuaries Act				
Wild and Scenic Rivers Act				
Coastal Zone Management Act				
Clean Air Act				
HTRW				
NHPA				
Noise Control Act				